

## ABSTRACT OF THE DISCLOSURE

An optical magnification adjustment system being capable of minutely correcting magnification. A first lens 1 of plano-convex is installed on the side of an object surface 5, and a second lens 2 of concave-plano is installed on the side of a formed image surface 7. By controlling the center space  $d$  between the first lens and the second lens, the image is enlarged or reduced. The radii of curvature  $R2$  and  $R3$  of the convex surface of the first lens and the concave surface of the second lens are respectively set according to the following equations.

$$R2 = (1 - n1) / \phi 2$$

$$R3 = (n2 - 1) / \phi 3$$

where,  $\phi 2$  and  $\phi 3$  represent optical power, and

$n1$  and  $n2$  represent refraction indexes, respectively.